

**In the Specification:**

Please amend the specification as shown:

Please delete paragraph [0032] on pages 9-10, and replace it with the following paragraph (which continues onto the following page):

[0032] For example, in the following diagram of a primer extension reaction, four different ddNTPs, each distinctively labeled, are present in the reaction mixture as designated by dd(A\*1)TP, dd(T\*2)TP, dd(C\*3)TP and dd(G\*4)TP, where \*1, \*2, \*3 and \*4 represent different labels. In the diagram, the polymorphism in the nucleic acid being tested is indicated by an underlined nucleotide, and the extension primer sequence is italicized. Only one ddNTP, ddTTP, can be added to the 3' end of the extension primer, because thymine (T) is the only base that pairs with adenosine (A). The addition of the dd(T\*2)TP to the 3' of the primer prevents any further primer extension because it is a dideoxy, chain-terminating ddNTP. Thus, the only primer that is 3' extended is labeled with label \*2. Detection of the signal from label \*2 indicates that the A polymorphism is present in the sample. **SEQ ID NOS 20-25, respectively, in order of appearance are shown in the table below.**

wildtype	5'	CCGGGGTGGTTGGCGAAGGCAGTCCCCTGTGCTGCC	-3'
sample	5'	CCGGAGTGGTTGGCGAAGGCAGTCCCCTGTGCTGCC	-3'
primer	3'	 CACCAACCGCTTCCGTCAGTGGA	-5'
labeled ddNTP			
dd(A <sup>*1</sup> )TP	3'	CACCAACCGCTTCCGTCAGTGGA	-5'
dd(T <sup>*2</sup> )TP	3'	<sup>*2</sup> TCACCAACCGCTTCCGTCAGTGGA	-5'
dd(C <sup>*3</sup> )TP	3'	CACCAACCGCTTCCGTCAGTGGA	-5'
dd(G <sup>*4</sup> )TP	3'	CACCAACCGCTTCCGTCAGTGGA	-5'